Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011317\
Data File : BF092254.D
Acq On : 13 Jan 2017 21:00
Operator : UM/SJ
Sample : PB95972BS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB95972BS

Manual Integrations APPROVED
Sohil
1/16/2017 8:39:20 AM

Quant Time: Jan 16 02:32:31 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 16 01:02:36 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.58	152	221076	20.00	ng		-0.01
21) Naphthalene-d8	7.87	136	883841	20.00	ng		-0.01
38) Acenaphthene-d10	9.62	164	473929	20.00	ng		-0.01
63) Phenanthrene-d10	11.09	188	637702	20.00	ng		-0.01
75) Chrysene-d12	13.72	240	442482	20.00	ng		-0.01
86) Perylene-d12	15.07	264	410377	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.18	112	1658162	125.24	ng		0.01
7) Phenol-d6	6.24	99	2278139	140.93	ng		-0.01
23) Nitrobenzene-d5	7.15	82	1355221	85.26	ng		-0.01
41) 2,4,6-Tribromophenol	10.40	330	391286	99.76	ng		-0.01
44) 2-Fluorobiphenyl	8.94	172	2340428	104.08	ng		-0.01
78) Terphenyl-d14	12.68	244	1852068	101.51	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.12	88	220807	33.87	ng		98
3) Pyridine	2.72	79	777066	34.16	ng		98
4) n-Nitrosodimethylamine	2.70	42	312385	36.40	ng		97
6) Aniline	6.24	93	229127	10.91	ng	#	86
8) 2-Chlorophenol	6.37	128	653694	43.40	ng		91
9) Benzaldehyde	6.12	77	44013	3.43	ng		92
10) Phenol	6.26	94	705038	38.27	ng		84
11) bis(2-Chloroethyl)ether	6.32	93	717339	48.94	ng		98
12) 1,3-Dichlorobenzene	6.51	146	688115	42.80	ng	#	89
13) 1,4-Dichlorobenzene	6.59	146	657847m	40.20	ng		
14) 1,2-Dichlorobenzene	6.75	146	609048	42.89	ng		97
15) Benzyl Alcohol	6.74	79	487904	38.84	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.87	45	966105	44.26	ng		53
17) 2-Methylphenol	6.87	107	539918	44.58	ng	#	89
18) Hexachloroethane	7.08	117	260587	42.95	ng	#	89
19) n-Nitroso-di-n-propylamine	7.01	70	517146	48.09	ng		96
20) 3+4-Methylphenols	7.02	107	767644	53.14	ng	#	70
22) Acetophenone	7.00	105	995301	45.66	ng	#	91
24) Nitrobenzene	7.17	77	742761	43.88	ng		91
25) Isophorone	7.41	82	1419894	48.42	ng		95
26) 2-Nitrophenol	7.49	139	408339	48.91	ng	#	83
27) 2,4-Dimethylphenol	7.55	122	621794	44.91	ng		98
28) bis(2-Chloroethoxy)methane	7.63	93	867507	48.78	ng		99
29) 2,4-Dichlorophenol	7.74	162	593164	50.59	ng		94
30) 1,2,4-Trichlorobenzene	7.81	180	558175	43.44	ng		97
31) Naphthalene	7.88	128	1781199	44.03	ng		99
32) Benzoic acid	7.72	122	405726	39.51	ng		95
33) 4-Chloroaniline	7.95	127	129701	7.11	ng		95
34) Hexachlorobutadiene	8.00	225	288920	42.60	ng		99
35) Caprolactam	8.34	113	177252m	46.00	ng		
36) 4-Chloro-3-methylphenol	8.46	107	605286	44.86	ng		94
37) 2-Methylnaphthalene	8.58	142	1153368	48.34	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.75	216	528592	44.15	ng		98
40) Hexachlorocyclopentadiene	8.74	237	386497	72.85	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.87	196	351157	41.93	ng		99
43) 2,4,5-Trichlorophenol	8.92	196	325464	37.77	ng		98
45) 1,1'-Biphenyl	9.04	154	1524006	46.96	ng		98
46) 2-Chloronaphthalene	9.07	162	1165642	45.36	ng		100
47) 2-Nitroaniline	9.17	65	346175	37.83	ng		99
48) Acenaphthylene	9.48	152	1862403	47.12	ng		99
49) Dimethylphthalate	9.35	163	1490676	49.18	ng		98
50) 2,6-Dinitrotoluene	9.42	165	369518	55.70	ng		93
51) Acenaphthene	9.65	154	980339	36.59	ng		98
52) 3-Nitroaniline	9.58	138	84772	10.32	ng		94
53) 2,4-Dinitrophenol	9.71	184	176360	47.77	ng	#	91
54) Dibenzofuran	9.82	168	1247330	34.47	ng		100
55) 4-Nitrophenol	9.79	139	353537m	63.42	ng		
56) 2,4-Dinitrotoluene	9.82	165	274600	32.98	ng	#	68
57) Fluorene	10.16	166	1036493	39.37	ng		100
58) 2,3,4,6-Tetrachlorophenol	9.95	232	236026	34.63	ng		99
59) Diethylphthalate	10.05	149	1028708	34.95	ng		99
60) 4-Chlorophenyl-phenylether	10.15	204	412071	35.75	ng		97
61) 4-Nitroaniline	10.20	138	213495	25.09	ng		99
62) Azobenzene	10.31	77	1177686	36.34	ng		99
64) 4,6-Dinitro-2-methylphenol	10.23	198	153405	39.78	ng	#	52
65) n-Nitrosodiphenylamine	10.28	169	825669	43.63	ng		99
66) 4-Bromophenyl-phenylether	10.64	248	313801	47.30	ng	#	89
67) Hexachlorobenzene	10.71	284	314548	44.36	ng	#	83
68) Atrazine	10.82	200	259160	42.46	ng		97
69) Pentachlorophenol	10.91	266	245898	70.68	ng		99
70) Phenanthrene	11.11	178	1364168	39.45	ng		99
71) Anthracene	11.17	178	1616191	58.89	ng		99
72) Carbazole	11.33	167	1398505	53.82	ng		99
73) Di-n-butylphthalate	11.67	149	1714677	53.07	ng	#	96
74) Fluoranthene	12.29	202	1483555	49.27	ng		98
76) Benzidine	12.43	184	225017	16.44	ng		96
77) Pyrene	12.52	202	1391133	42.85	ng		99
79) Butylbenzylphthalate	13.16	149	744752	50.44	ng	#	80
80) Benzo(a)anthracene	13.71	228	1264437	50.62	ng		99
81) 3,3'-Dichlorobenzidine	13.67	252	132628	14.00	ng	#	96
82) Chrysene	13.74	228	957628	38.22	ng		99
83) Bis(2-ethylhexyl)phthalate	13.72	149	924891	53.19	ng	#	98
84) Di-n-octyl phthalate	14.33	149	1547693	48.05	ng		100
85) Indeno(1,2,3-cd)pyrene	16.30	276	971620	44.77	ng		99
87) Benzo(b)fluoranthene	14.71	252	1397284m	54.69	ng		
88) Benzo(k)fluoranthene	14.74	252	759630m	34.87	ng		
89) Benzo(a)pyrene	15.02	252	1006447	44.38	ng	#	96
90) Dibenzo(a,h)anthracene	16.31	278	804498	43.16	ng		97
91) Benzo(g,h,i)perylene	16.67	276	839822	43.33	ng		96

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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